

Title (en)
POLYCARBONATE RESIN COMPOSITION, PELLET THEREOF, AND MOLDED ARTICLE THEREOF

Title (de)
POLYCARBONATHARZZUSAMMENSETZUNG, GRANULAT DARAUS UND FORMKÖRPER DARAUS

Title (fr)
COMPOSITION DE RESINE POLYCARBONATE, GRANULE FABRIQUE A PARTIR DE CETTE COMPOSITION ET ARTICLE MOULE ASSOCIE

Publication
EP 1553140 A1 20050713 (EN)

Application
EP 03725724 A 20030501

Priority

- JP 0305591 W 20030501
- JP 2002132434 A 20020508
- JP 2002187962 A 20020627

Abstract (en)
The object of the present invention is to provide a polycarbonate resin composition which has excellent transparency and durability against molding heat, which gives a molded article having an excellent mold release property, reduced strains, improved cracking resistance and, preferably, weatherability, and which is particularly suitable for a transparent member for a vehicle, pellets thereof and a molded article thereof, and the present invention provides a polycarbonate resin composition obtained by blending 100 parts by weight of a polycarbonate resin (Component A) and 0.005 to 2 parts by weight of a full ester (Component B) from an aliphatic polyhydric alcohol having 4 to 8 hydroxyl groups and 5 to 30 carbon atoms and an aliphatic carboxylic acid having 10 to 22 carbon atoms, said Component B having a 5 % weight loss temperature, measured by TGA (thermogravimetric analysis), of 250 to 360 DEG C and having an acid value of 4 to 20, pellets thereof and a molded article thereof.

IPC 1-7
C08L 69/00; **C08K 5/103**

IPC 8 full level
C08K 5/103 (2006.01); **B29C 45/37** (2006.01)

CPC (source: EP KR US)
C08K 5/103 (2013.01 - EP KR US); **C08L 69/00** (2013.01 - KR); **B29C 45/372** (2013.01 - EP US); **Y10T 428/31507** (2015.04 - EP US)

C-Set (source: EP US)
C08K 5/103 + **C08L 69/00**

Cited by
EP2505585A4; EP3056488A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1553140 A1 20050713; **EP 1553140 A4 20060329**; **EP 1553140 B1 20070627**; AT E365771 T1 20070715; AU 2003231576 A1 20031111; AU 2003231576 B2 20090611; CA 2452455 A1 20031120; CA 2452455 C 20120110; CN 1240777 C 20060208; CN 1533414 A 20040929; DE 60314653 D1 20070809; DE 60314653 T2 20080313; ES 2288215 T3 20080101; KR 100878164 B1 20090112; KR 20050002790 A 20050110; US 2004152806 A1 20040805; US 7241825 B2 20070710; WO 03095557 A1 20031120

DOCDB simple family (application)
EP 03725724 A 20030501; AT 03725724 T 20030501; AU 2003231576 A 20030501; CA 2452455 A 20030501; CN 03800633 A 20030501; DE 60314653 T 20030501; ES 03725724 T 20030501; JP 0305591 W 20030501; KR 20047000215 A 20030501; US 48312604 A 20040108